

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/574364	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 09:54
S2	45	"5220546" "4471477" "5761164" "5341353"	USPAT	OR	ON	2008/08/13 09:55
S5	30	((ANTONIUS or LEONARDUS or JOHANNES) near2 (DEKKER)).INV.	EPO; JPO; DERWENT	OR	ON	2008/08/13 09:58
S6	15	((ANTONIUS or LEONARDUS or JOHANNES) near2 (DEKKER)).INV.	US-PGPUB; USPAT	OR	ON	2008/08/13 10:02
S10	21019	VCM or (voice adj coil adj motor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:05
S9	81428	((lens or (object\$4 adj lens)) near2 position\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:05
S8	8837	control\$4 near5 ((lens or (object\$4 adj lens)) near2 position\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:05
S12	28	S11 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:06
S11	41	sledge adj motor	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:06
S14	9	S11 and (S8 or S9) and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:07
S16	258	S15 and S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:17
S15	6818	control\$4 near5 (VCM or (voice adj coil adj motor))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:17
S18	53	S17 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:18
S17	80	S15 same S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:18

S19	2	"6163513"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:27
S20	3	("5210732"   "5247503"   "5768228").PN. OR ("6163513").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:34
S24	128	S23 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:41
S23	437	track adj servo adj control \$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:41
S27	6	S25 same S23	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:42
S25	1104781	(AC or (alternat\$4 adj (current or signal))) or modulat\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:42
S29	119	S25 same S28	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 10:43
S28	3544	track adj servo	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 10:43
S30	21035	(VCM or (((voice adj coil) or (lens adj position)) adj motor))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:07
S34	22	S31 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:08
S33	12	S32 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:08
S32	244	S25 near10 S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:08
S31	300	S25 with S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 11:08
S35	25	("4371903"   "5455496"   "5473238"   "5495372"   "5504402"   "5729399"   "5737144"   "5889629"   "5965992").PN. OR ("6094020").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 11:11
S38	46	S37 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 13:27

S37	207	S36 same S30	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/13 13:27
S36	4078	"track servo"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/13 13:27
S39	1	S36 same S30 same S25	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/08/13 13:28
S45	1	"478314"	EPO	OR	ON	2008/08/13 14:12
S49	3	S48 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:21
S48	132	dither\$4 near2 actuator	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:21
S51	4	(dither\$4 near2 actuator) same (track\$4 near2 control \$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:23
S50	17	(dither\$4 near2 actuator) and (track\$4 near2 control \$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:23
S53	463	((track\$4 adj servo) or (track\$4 near2 control\$4) or (track\$4 near2 servo near2 control\$4) or (lens near2 position\$4 near2 control\$4)) near10 bandwidth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:26
S57	70	S56 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:28
S56	119	((track\$4 adj servo) or ("track servo") or (track\$4 near2 control\$4) or (track \$4 near2 servo near2 control\$4) or (lens near2 position\$4 near2 control \$4)) near10 ((high\$4 or increas\$4 or improv\$4) near3 bandwidth)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:28
S60	4097	((dither\$4 or modulat\$4) near5 (actuator or S10))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:36
S61	2	S56 and S60	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:37

S63	15	(fine adj tracking) near20 (modulat\$4 or dither\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 14:41
S67	5744	(modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near2 (lens or (objective adj lens))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 16:12
S69	45	S68 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 16:13
S68	109	S67 and (S23 or S28 or S36 or S30 or S53)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/13 16:13
S70	39	("2694804"   "2995705"   "4110610"   "4339198"   "4387299"   "4544915"   "4639595"   "4644156"   "4644157"   "4659924"   "4661696"   "4673810"   "4823000").PN. OR ("5107107").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 17:02
S71	12	("4748609"   "4872152"   "5083150"   "5084848"   "5138596"   "5247502"   "5461599"   "5487055"). PN. OR ("5699334"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 17:03
S72	1	("2004/0062157").URPN.	USPAT	OR	ON	2008/08/13 17:06
S73	54	("20020114230"   "20020131339"   "20020191517"   "20030161224"   "20040004912"   "20040027953"   "20040062157"   "20050056085"   "20050057639"   "4027217"   "4967286"   "5182741"   "5398231"   "5498509"   "5608717"   "5608718"   "5627895"   "5675570"   "5688173"   "5729533"   "5745457"   "5748607"   "5751671"   "5764430"   "5766495"   "5781221"   "5846131"   "5875156"   "5915858"   "5949752"   "5958651"   "5967676"   "5997976"   "6019151"   "6026066"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/13 17:07

		"6034930"   "6074031"   "6102800"   "6104677"   "6124011"   "6160789"   "6202550"   "6264295"   "6266305"   "6270176"   "6295261"   "6317399"   "6384929"   "6386667"   "6403191"   "6440248"   "6452883"   "6469969"   "7084894").PN. OR ("7324419").URPN.				
S75	1174	(disk or disc) near2 rotation \$4 near2 (frequenc\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:50
S74	11009	(disk or disc) near2 rotation \$4 near2 (frequenc\$3 or speed)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:50
S76	491	S75 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:51
S78	24	S77 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:52
S77	48	((disk or disc) near2 rotation\$4 near2 (frequenc \$3)) near2 (hertz or hz)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:52
S81	17	S77 and S79 and "369". clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:54
S80	32	S77 and S79	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:54
S79	73199	((track\$4 adj servo) or (track\$4 near2 control\$4) or (track\$4 near2 servo near2 control\$4) or (lens near2 position\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:54
S83	1	S77 and S82	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:56
S82	5749	(modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near2 (lens or (objective adj lens))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:56
S84	22	S75 and S82	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 13:58

S85	11	("20040246846"   "5903531"   "5909419"   "6424605"   "6449232"   "6556302"   "6822935"   "6822936"   "6868052"   "6970408"   "7046606"). PN. OR ("7385895"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 14:09
S86	3	((modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near2 (lens or (objective adj lens))) near5 (frequenc\$3 or speed) near2 (hertz or hz)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 14:20
S87	8	((modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near2 (lens or (objective adj lens))) near10 (frequenc\$3 or speed) near5 (hertz or hz)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 14:21
S89	1	"7164630"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 15:43
S90	18	(US-20070121439-\$ or US-20070165499-\$ or US-20040062157-\$).did. or (US-5341353-\$ or US-5761164-\$ or US-4471477-\$ or US-5220546-\$ or US-6163513-\$ or US-5892742-\$ or US-6094020-\$ or US-7327103-\$ or US-4216357-\$ or US-5699334-\$ or US-5107107-\$ or US-7324419-\$ or US-4310912-\$ or US-7385895-\$ or US-7164630-\$).did.	US-PGPUB; USPAT	OR	ON	2008/08/14 18:07
S95	11	S90 and (init\$10)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 18:10
S96	12	S90 and (switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/14 18:12
L2	1	L1 and (hundreds near2 hz)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:20

L1	18	(US-20070121439-\$ or US-20070165499-\$ or US-20040062157-\$).did. or (US-5341353-\$ or US-5761164-\$ or US-4471477-\$ or US-5220546-\$ or US-6163513-\$ or US-5892742-\$ or US-6094020-\$ or US-7327103-\$ or US-4216357-\$ or US-5699334-\$ or US-5107107-\$ or US-7324419-\$ or US-4310912-\$ or US-7385895-\$ or US-7164630-\$).did.	US-PGPUB; USPAT	OR	ON	2008/08/15 12:20
L7	15317	(rotation\$4 near2 (frequenc\$3 or speed)) near2 (hertz or hz or rpm or (revolutions adj per adj minute))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:42
L9	20	L7 and L8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:43
L8	5749	(modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near2 (lens or (objective adj lens))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:43
L12	276	L11 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:45
L11	586	L7 and L10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:45
L10	73199	((track\$4 adj servo) or (track\$4 near2 control\$4) or (track\$4 near2 servo near2 control\$4) or (lens near2 position\$4 near2 control\$4))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:45
L14	25	L13 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:46
L13	51	L7 same L10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:46
L15	8	(modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near3 (lens or (objective adj lens)) near3 (hertz or hz or rpm or (revolutions adj per adj minute))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:55

L17	0	L7 and L16	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:57
L16	36	(modulat\$4 or dither\$4 or shak\$4 or oscillat\$4) near5 (lens or (objective adj lens)) near5 (hertz or hz or rpm or (revolutions adj per adj minute))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:57
L19	15	L7 and L18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:59
L18	66	(track\$4 near2 (servo or actuator)) near5 (hertz or hz or rpm or (revolutions adj per adj minute))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 12:59
L20	25	L18 and "369".clas.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/08/15 13:01
L23	8	(US-5341353-\$ or US- 4471477-\$ or US-5220546- \$ or US-5699334-\$ or US- 5107107-\$ or US-7164630- \$ or US-6067285-\$ or US- 5768227-\$).did.	USPAT	OR	ON	2008/08/15 13:56

8/15/2008 2:00:34 PM

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